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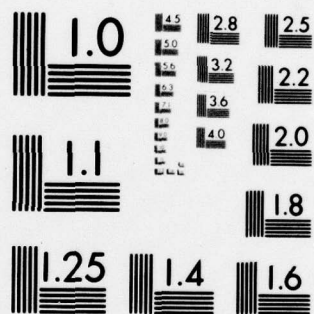
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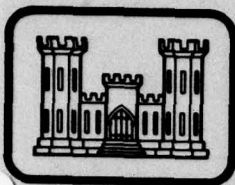
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**SELECTED BIBLIOGRAPHY ON
FIBER-REINFORCED CEMENT AND CONCRETE
SUPPLEMENT NO. 2**

by

George C. Hoff

**Structures Laboratory
U. S. Army Engineer Waterways Experiment Station
P. O. Box 631, Vicksburg, Miss. 39180**

July 1979

Final Report

Approved For Public Release; Distribution Unlimited

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) → A listing of 471 additional references with author index is given for fiber-reinforced cement and gypsum matrices, mortars, and concretes. Fiber types include steel, glass, plastic, asbestos, organic, carbon, and others.		

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PREFACE

This bibliography supplement was prepared from source material provided to and obtained by the author during the normal conduct of business at the U. S. Army Engineer Waterways Experiment Station (WES), Vicksburg, Miss. Special appreciation is extended to Dr. Yoshihiko Ohama, Department of Architecture, College of Engineering, Nihon University, Japan, for contributing a major listing of Japanese source material. The bibliography supplement was compiled for use in the operation of the Concrete Technology Information Analysis Center (CTIAC).

Funds for the publication of this bibliography supplement were provided from those made available for operation of the CTIAC. This is CTIAC Report No. 39. The report was prepared by Mr. George C. Hoff, Chief, Materials Properties Branch of the Structures Laboratory, WES, under the general supervision of Messrs. Bryant Mather, Acting Chief, Structures Laboratory, and John M. Scanlon, Chief, Engineering Mechanics Division.

Commanders and Directors of WES during the preparation and publication of this bibliography supplement were COL John L. Cannon, CE, and COL Nelson P. Conover, CE. Technical Director was Mr. Fred R. Brown.

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SELECTED BIBLIOGRAPHY ON
FIBER-REINFORCED CEMENT AND CONCRETE

INTRODUCTION

The initial publication of this bibliography* and its first supplement** included a total of 811 references pertaining solely to fiber reinforcement of cement and gypsum matrices, mortars, and concrete. This supplement provides 471 additional references of which approximately 80 percent were published outside the United States. Many of these are published in English, however. Major contributions from Japan, Sweden, United Kingdom, and Russia are included. The following references were compiled from publications available directly to the author and from bibliographies existing in other published works on the subject. Attempts were made to provide as much information as possible for each reference although in some instances, where the reference information was not obtained directly from the publication, the reference may not be as complete as it could be. In general, papers solely on the theory of fiber reinforcement and composite materials which did not explicitly include fiber reinforcement of cements and concretes were not listed.

* G. C. Hoff, C. M. Fontenot, and J. G. Tom, "Selected Bibliography on Fiber-Reinforced Cement and Concrete," Miscellaneous Paper C-76-6, June 1976, U. S. Army Engineer Waterways Experiment Station, Vicksburg, Miss.

** G. C. Hoff, "Selected Bibliography on Fiber-Reinforced Cement and Concrete, Supplement No. 1," Miscellaneous Paper C-76-6, September 1977, U. S. Army Engineer Waterways Experiment Station, Vicksburg, Miss.

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Steel Fibers

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316,458 (U.S.)	<u>Metallic Fabric</u> ; W. Hewitt, assigned to the Trenton Iron Company, Trenton, New Jersey, 28 Apr 1885
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